Client-Server Environment," Uceda-S

"Method, System And Program Products For Modifying Globally Stored Tables Of A Client-Server Environment," Uceda-Sosa et al., Serial No. 09/583,585, filed May 31, 2000;

"Method, System And Program Products For Concurrent Write Access To A Global Data Repository," Uceda-Sosa et al., Serial No. 09/584,523, filed May 31, 2000; and

"Method, System And Program Products For Concurrently Accessing A Global Data Repository By Multithreaded Clients," Uceda-Sosa et al., Serial No. 09/584,609, filed May 31, 2000.

In the Claims:

Please add the following new claims:

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- 4. (New) The method of claim 1, wherein the determining is performed by a client request broker.
- 5. (New) The method of claim 1, wherein the determining comprises causing at least one ping message to be sent to the server.

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- 6. (New) The method of claim 5, wherein the causing comprises causing a plurality of ping messages to be sent to the server.
- 7. (New) The method of claim 6, wherein the causing comprises causing the plurality of ping messages to be sent to the server in accordance with a dynamic ping interval.
- 8. (New) The method of claim 7, wherein the dynamic ping interval is based on a workload level of the server.
- 9. (New) The method of claim 6, wherein the determining comprises determining that a predetermined number of the plurality of ping messages have failed.

- 10. (New) The method of claim 1, wherein the connecting comprises first determining that the another replicated server is available.
 - 11. (New) The method of claim 10, further comprising:

routing non-idempotent client requests from the another replicated server to the server if the server is still part of the group; and

sending results of processing the non-idempotent client requests to the another replicated server.

- 12. (New) The system of claim 2, wherein the means for determining comprises means for determining by a client request broker.
- 13. (New) The system of claim 2, wherein the means for determining comprises means for causing at least one ping message to be sent to the server.
- 14. (New) The system of claim 13, wherein the means for causing comprises means for causing a plurality of ping messages to be sent to the server.
- 15. (New) The system of claim 14, wherein the means for causing comprises means for causing the plurality of ping messages to be sent to the server in accordance with a dynamic ping interval.
- 16. (New) The system of claim 15, wherein the dynamic ping interval is based on a workload level of the server.
- New) The system of claim 14, wherein the means for determining comprises means for determining that a predetermined number of the plurality of ping messages have failed.
- 18. (New) The system of claim 2, wherein the means for connecting comprises means for first determining that the another replicated server is available.

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(New) The system of claim 18, further comprising: 19.

means for routing non-idempotent client requests from the another replicated server to the server if the server is still part of the group; and

means for sending results of processing the non-idempotent client requests to the another replicated server.

- 20. (New) The at least one program storage device of claim 3, wherein the determining is performed by a client request broker.
- 21. (New) The at least one program storage device of claim 3, wherein the determining comprises causing at least one ping message to be sent to the server.
- 22. (New) The at least one program storage device of claim 21, wherein the causing comprises causing a plurality of ping messages to be sent to the server.
- 23. (New) The at least one program storage device of claim 22, wherein the causing comprises causing the plurality of ping messages to be sent to the server in accordance with adynamic ping interval.
- (New) The at least one program storage device of claim 23, wherein the 24. dynamic ping interval is based on a workload level of the server.
- 25. (New) The at least one program storage device of claim 22, wherein the determining comprises determining that a predetermined number of the plurality of ping messages have failed.
- 26. (New) The at least one program storage device of claim 3, wherein the connecting comprises first determining that the another replicated server is available.
- (New) The at least one program storage device of claim 26, further 27. comprising:

